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(54) Title: CANNABINOID RECEPTOR MODULATORS, THEIR PROCESSES OF PREPARATION, AND USE OF CANNABINOID RECEPTOR MODULATORS FOR TREATING RESPIRATORY AND NON-RESPIRATORY DISEASES



$$(R_4)_{\overline{R}} \xrightarrow{B} \stackrel{O}{\underset{R_3}{|}} NR_1R_2$$

$$(R_5)_{\overline{r}} \qquad (I)$$

(57) Abstract: Use of a compound for treating a respiratory disease in a mammal wherein the compound is a cannabinoid receptor modulator is disclosed. Compounds useful as cannabinoid receptor modulators for treating respiratory and non-respiratory leukocyte-activation associated diseases comprise compounds of formula (I), in which A and B are nitrogen or carbon, provided only one of A and B is nitrogen; and  $R_1$ - $R_6$  are as defined in the specification, wherein  $R_2$  with  $R_5$  may form a ring, and/or two  $R_4$  groups may form a six-membered aryl or heteroaryl ring, optionally having a substituent  $R_6$  forming a ring with  $R_3$ .

# CANNABINOID RECEPTOR MODULATORS, THEIR PROCESSES OF PREPARATION, AND USE OF CANNABINOID RECEPTOR MODULATORS FOR TREATING RESPIRATORY AND NON-RESPIRATORY DISEASES

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#### Abstract

Use of a compound for treating a respiratory disease in a mammal wherein the compound is a cannabinoid receptor modulator is disclosed. Compounds useful as cannabinoid receptor modulators for treating respiratory and non-respiratory leukocyte-activation associated diseases comprise compounds of formula (I), in which A and B are nitrogen or carbon, provided only one of A and B is nitrogen; and R1-R6 are as defined in the specification, wherein R2 with R5 may form a ring, and/or two R4 groups may form a six-membered aryl or heteroaryl ring, optionally having a substituent R6 forming a ring with R3.

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